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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,607	07/07/2003	Steven M. Moilanen	614359/82664	7773

23641 7590 09/13/2004

BARNES & THORNBURG
600 ONE SUMMIT SQUARE
FORT WAYNE, IN 46802

EXAMINER

KRAMER, DEAN J

ART UNIT	PAPER NUMBER
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3652

DATE MAILED: 09/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/614,607

Applicant(s)

MOILANEN ET AL.

Examiner

Dean J. Kramer

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MW

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/1/04 and 6/28/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

The amendment filed July 9, 2004 and the remarks presented therewith have been carefully considered. However, they are not deemed to be fully persuasive.

Claim Rejections - 35 USC § 112

1. Claims 5 and 7-11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

There is no clear antecedent basis for "the at least one jaw member" (claim 5), "The modular gripper assembly" (claims 8-11), "the through-slot" (claim 8), "the first locking segment" (claim 9), "the second locking segment" (claim 10), or "the first and second locking segments" (claim 11).

Also, in claim 7, line 6, it is unclear whether the phrase "the jaw member" is referring to the *first* or the *second* jaw member.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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3. Claims 1, 6, 8, and 9, as understood, are rejected under 35 U.S.C. 102(b) as being anticipated by Jackson (U.S. Pat. No. 5,085,480).

Jackson shows a gripper having a cam slot (60) in each jaw member wherein the cam slots have a pivoting portion (62) and a locking portion (66).

4. Claims 7-11, as understood, are rejected under 35 U.S.C. 102(b) as being anticipated by Forster et al. (U.S. Pat. No. 4,886,635).

The patent to Forster et al. shows two pivotable jaws (5,6) each comprising through slots (5a,6a) having angled locking segments at each closed end thereof.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

7. Claims 1, 2, and 4-11, as understood, are rejected under 35 U.S.C. 103(a) as being unpatentable over British Patent # 2,041,263 in view of Forster et al..

The cam slots (13,14) of the British ('263) patent are not distinctly divided into pivoting portions and locking portions as called for in the claims of the instant application.

However, as pointed out above in section 4, the Forster et al. patent shows cam slots (5a,6a) in each of its jaws wherein the slots are formed with angled locking portions at each end with a pivoting portion disposed therebetween.

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to form angled locking portions at each end of the British ('263) cam slots as taught by Forster et al. in order to secure the jaws in either an open or closed position until driven by the actuator.

8. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over British Patent # 2,041,263 in view of Forster et al. as applied to claims 1 and 2 above, and further in view of Kraft.

Kraft shows a pair of pivotal jaws each having a cam slot (7) disposed therethrough. One portion of the slots is curved to create maximum pivotal movement (see page 1, lines 103-106).

It would have been obvious to a person having ordinary skill in the art to at least slight curve the pivoting portion of the modified British ('263) cam slots, as presented supra, as taught by Kraft in order to create maximum pivotal movement relative to the linear motion of the actuator.

Information Disclosure Statement

9. The information disclosure statement filed 6/28/04 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because the Office action of another related application from a different examiner, Paul Chin, is not considered Prior Art. It is pointed out that all of the relevant references listed in that Office action have been considered and listed on the attached Form PTO-892. It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609 ¶ C(1).

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Jones et al. and White both show pivotable jaws having cam slots.

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

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§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dean J. Kramer whose telephone number is (703) 308-2181. The examiner can normally be reached on Mon., Tues., Thurs., Fri. (7:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen Lillis can be reached on (703) 308-1113. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 9/7/04
Dean J. Kramer
Primary Examiner
Art Unit 3652

djk
9/7/04